

Amendments to the Claims:

1. (currently amended) A chlorine dioxide generating apparatus, comprising:
  - a venturi having an inlet end for receiving fluid and an outlet end for expelling fluid;
  - a venturi body coupled to said outlet end of said venturi, said venturi body forming an extension of said outlet end of said venturi;
  - a casing surrounding said venturi and defining a plenum therebetween, said casing being movably connected to said venturi body;
  - a first sealing means provided between said casing and said venturi body for sealing said plenum;
  - a collar surrounding an end of said casing adjacent said inlet end of said venturi, said collar and said casing defining a plenum entry ring therebetween;
  - a second sealing means provided between said collar and said casing for ~~sealing~~ sealing said plenum entry ring;
  - at least one feed port for tangentially receiving reactants, said feed port extending through said collar and communicating with said plenum entry ring;
  - at least one ~~rejection~~ injection port for passing chlorine dioxide into said fluid, said injection port extending through said venturi adjacent said outlet end thereof, said injection port being in communication with said plenum; and
  - wherein movement of said casing changes the volume and area of said plenum to determine the capacity of the generating apparatus.
2. (original) The apparatus as claimed in claim 1 wherein an increase of said plenum volume and area facilitates an increase of said capacity of said generating apparatus and a decrease of said plenum volume and area facilitates a decrease of said capacity of said generating apparatus.
3. (original) The apparatus as claimed in claim 1 wherein said venturi body has an externally threaded portion.
4. (original) The apparatus as claimed in claim 1 wherein said casing has an internally threaded portion.
5. (original) The apparatus as claimed in claim 4 wherein said casing threadably

engages said venturi body and is axially movable thereon.

6. (original) The apparatus of claim 1 wherein said plenum is conical in shape and decreases in volume in the downstream direction.

7. (currently amended) The apparatus as claimed in claim 1 wherein said first and second ~~sealing~~ sealing means is at least one O-ring.

8 - 15 (Cancelled).